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LOM, F.

Science, research, and practice in thefood industry. p. 260.
Vol. 6, no. 5. 1955. PRUMYSL POTRAVIN. Praha.

Source: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

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LOM, F.

LOM, F. Rationalizing technologic processes in the food industry. p. 485

Vol. 7, no. 11, 1956
PRUMYSL POTRAVIN
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, 1957

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LON, F.

Graphic representation of the trends of development of agricultural production; evolution vectors. In German and Russian. p. 239. (ZA SOTSIALISTICHESKOIU SELSKOKHOZIAISTVENNOIU NAUKU. SERIIA 8: EKONOMICHESKAIA. FOR SOCIALIST AGRICULTURAL SCIENCE. SERIES 8: ECONOMICS, Vol. 6, No. 2, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, F.

The trend in the development of the farm management results through graphic representation (vectors of development).

P. 259,(Sbornik Rada Zemedelska Ekonomika) Vol.30, no.4, Aug. 1957, Praha,Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

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LOM, F.

"Net income of an enterprise as a result of two factors: the economic efficiency of production costs and the grade of intensification of the production. In German and Russian"

Za Sotsialisticheskuiu Selkohoziaistvennuiu Nauku. Praha, Czechoslovakia. Vol. 7, no. 2, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, Jiri

Polysaccharide reserves in Balantidium and Nyctotherus. Cesk. biol. 4 no.7:397-409 Jl '55.

1. Parasilogicky ustav biologicke fakulty Karlovy university, Praha.

(CILIATA,
Nyctotherus, polysaccharide reserve)
(BALANTIDIUM, metabolism,
polysaccharides, reserve)
(POLYSACCHARIDES, metabolism,
Balantidium & Nyctotherus, reserve)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

CZECHOSLOVAKIA/Zooparasitology - Parasitic Protozoa. G-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43379

Author : Lom, J.
Inst :
Title : Occurrence of Trichodinella Epizootica (Raabe, 1950) in Czechoslovakia.

Orig Pub : Zool. listy, 1956, 5, No 2, 121-124.

Abstract : T. epizootica is found on the gills of tench in ponds of southern Czechoslovakia. The flattening of the infusorial cells of the gull epithelium of the hosts is described.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

Lom, J.

Occurrence of parasitic Infusoria in our Amphibia. P. 68
Prague. Narodni Museum. CASOPIS; ODDIL PRIROLOVEDNY. Praha.
Vol. 125, no. 1, 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, Jiri

On two endozoic trichodinids, Trichodina urinaria Dogiel, 1940 and Trichodina polycirra sp.n. Acta parasit 8 no.8/20:169-180 Je '60. (EEAI 9:11)

1. Protozoological Laboratory of C.S.A.V., Praha.
(Czechoslovakia--Trichodina)
(Parasites)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, Jiri (Praha II, Winicna 7)

Urceolariidae from fishes of Czechoslovakia. Wiad parazyt 7 no.4/6: 822-827 '61.

1. Protozoologicka laborator, Ceskoslovenska akademia ved, Praha.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, Jiri, (Praha, II, Vincna, 7); VAVRA, Jiri (Praha, II Vinicna 7)

Ultrastructure of the spores of the fish parasite Plistophora hyphessobryconis. Wiad parazyt 7 no.4/6:828-832 '61.

1. Protozoologicka laborator, Ceskoslovenska akademia ved, Praha.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, L.

Lom, L. Use of substitute materials. p. 170. ELEKTROTECHNIK. Praha. Vol. 10, no. 5, May 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncll

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, T.

9814. On the technology and construction of thyratrons. W. Lotz and T. Lom. *Slaboproudý Obzor*, 14, No. 11, 372–8 (1953) In Czech.

An analysis of the basic problems in the construction of thyratrons: cathode; grid, anode; gas filling; pumping; typical examples of design and their electrical specification. The paper includes drawings of current types of thyratrons. A.

(1) KK

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LOM, T.

The Decatron, a decadic measuring glow lamp. p.140.
SLABOPROUDY OBZOR, Prague, Vol. 15, no. 3, Mar. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

Lom Tomas

CZECHOSLOVAKIA/Electronics - Gas Discharges and Gas Discharging Instruments H-7

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 8733

Author : Lom Tomas, Plecity Miroslav
Inst : Higher Institute for Vacuum Electronics, Czechoslovakia
Title : Interaction Between Electromagnetic Waves and Free Electrons

Orig Pub : Slaboproudy obzor, 1957, 18, No 4, 191-195

Abstract : On the basis of the laws of dynamics of charged particles, expressions are derived for the active and reactive components of high frequency conductivity of an electron plasma. The results obtained are compared with measurement data with glow discharge in inert gases at frequencies of approximately 9,000 Mc. Bibliography, 10 titles.

Card : 1/1

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83395

9,2570
9,9413

Z/037/60/000/005/049/056
E192/E382

AUTHOR: Lom, T.

TITLE: The Possibility of Reducing the Thermal Noise in an Electron Beam

PERIODICAL: Československý časopis pro fysiku, 1960, No. 5, p. 486

TEXT: The threshold sensitivity of beam-type electron tubes (amplifiers or optical devices) is determined by the noise level in the electron beam. By analysing the basic physical phenomena occurring in an electron beam, in particular the noise, it is found that the noise level can be reduced below the value determined by the thermal equilibrium in the cathode region by employing a simple spectrometer. This device is situated in the low-voltage region of the electron gun and it performs the function of homogenizing the velocities of the electron beam.

ASSOCIATION: Výzkumný ústav pro vakuovou elektrotechniku, Praha (Research Institute for Vacuum Electrotechnology, Prague)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, T., dr.;PLECITY, M., inz.

Possibility of noise reduction in an electron beam. Sbor vak elektrotech 3:139-147 '61.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, Tomas, dr.; PLESITY, Miroslav, inz.; KOHLICEK, F., promovany fyzik

Influence of the emission property of the cathode on the noise figure of traveling wave tubes. Sbor vak elektrotech 4:49-53 '64.

1. Research Institute of Vacuum Electrical Engineering, Prague.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOM, Tomas

Fifth International Congress on Microwave Tubes. Cs c as fys 15 no.3:285-286 '65.

1. Research Institute of Vacuum Electrical Engineering, Prague.
Submitted December 16, 1964.

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LOMACHENKO, I.D.; SHERLE, D.P.

Production of bimetal sheet. Metallurg 8 no.5:27-28 My '63.
(MIRA 16:7)

1. Kommunarskiy metallurgicheskiy zavod.
(Laminated metals)
(Rolling(Metalwork))

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMACHENKO, Z. N.

LOMACHENKO, Z. N. -- "Investigation of Cutting Force in the Higher and Turning of Steel and Cast Iron." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of the Technology of Machine Building. Kiev, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

No 1

SO: Knizhnaya Letopis', 1956, pp 102-122, 124

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

KARTAVOV, Sergey Alekseyevich, prof.; LEVCHENKO, Andrey Matveyevich, kand. tekhn. nauk; RUDNIK, Sergey Sergeyevich, doktor tekhn. nauk; BOVSUNOVSKIY, Yakov Ivanovich, kand. tekhn. nauk; BAZHENOV, Ivan Ivanovich, kand. tekhn. nauk; KOVALENKO, Vladimir Vladimirovich, kand. tekhn. nauk; LOMACHENKO, Zinaida Nikolayevna, kand. tekhn. nauk; MIL'SHTEYN, Mark Zel'manovich, kand. tekhn. nauk; RADCHENKO, Yuliya Gavrilovna, kand. tekhn. nauk; REZNICHENKO, Mikhail Petrovich, kand. tekhn. nauk; TRUBENOK, Aleksandr Davidovich, kand. tekhn. nauk; KHRISTICH, Zakhar Dem'yanovich, kand. tekhn. nauk; SHNAYDERMAN, Isay Yakovlevich, kand. tekhn. nauk; GOLUBOV, N.P., kand. tekhn. nauk, retsenzent; DUMANSKAYA, V.A., kand. tekhn. nauk, retsenzent; MAKSIMOV, G.D., kand. tekhn. nauk, retsenzent; YAKOVENKO, G.A., kand. tekhn. nauk, retsenzent

[Technology of the manufacture of machinery] Tekhnologiia mashinostroeniia. [By] S.A.Kartavov i dr. Kiev, Tekhnika, 1965. 526 p. (MIRA 18:7)

1. Kafedra tekhnologii mashinostroyeniya Kiyevskogo politekhnicheskogo instituta (for all except Golubov, Maksimov, Yakovenko).

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

S/122/61/000/002/009/011
A161/A126

AUTHOR: Lomachenko. Z. N., Candidate of Technical Sciences

TITLE: Pneumatic three-component dynamometer for lathes

PERIODICAL: Vestnik mashinostroyeniya, 41, no. 2, 1961, 59 - 62

TEXT: Subject dynamometer, designed by the author, is based on the principle of pneumatic measuring instruments with a water-pressure gage and includes three pickups. The pickups are designed in two different versions. The dynamometer (Figure 1) comprises a tool holder (2) with the cutter fixed by bolts. The tool holder can move in three directions at right angles under action of three cutting force components. Friction is reduced by the use of balls on which the tool holder moves. The contact surfaces on the holder and the casing (1) are of a hard alloy. The pickups (4) are rings with built-in nozzles for measurement of air pressure. They rest with their cones in appropriate seats on the support screws (5) and (6). The seats (7) and (8) between the tool holder and the pickups are designed for reducing the mutual effect of the pickups. Spiral springs (9) and (1) produce the initial compression of the pickups. Each pickup design has its advantages and disadvantages - the one permits adjustment of initial air gap

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Pneumatic three-component dynamometer for lathes

and hence the sensitivity, but the thrust bolt (15) gets loose in operation with vibration and then the dynamometer has to be readjusted; the other cannot be deranged by vibration but adjustment of initial air gap is not possible. The second pickup version (shown separately in Figure 1) is a ring with pressed in centers. A nozzle is soldered into the ring, and a rod with a ball close the nozzle. All three pickups are calibrated simultaneously in a special fixture. It includes a ring exerting simultaneously pressure on all pickups. The pickups can also be calibrated separately. The dynamometer proved sufficiently sensitive for measuring forces in turning alloy steel, modified cast iron and brass. There are 5 figures, 1 photo and 2 Soviet-bloc references.

Figure 1: (a) - Second pickup design; (b) to solder with stannium; (c) to solder with copper.

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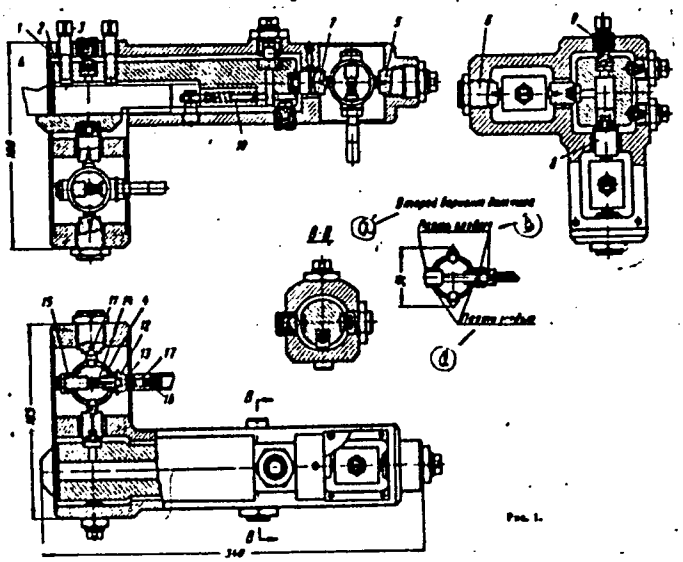
S/122/61/000/002/009/011
A161/A126

Pneumatic three-component dynamometer for lathes

Figure 1(continued)



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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMACHENKOV, S.Ye., inzh.; GUTKIN, B.G., kand. tekhn. nauk; SHAGURIN, K.A., otv. red.; ACHKINADZE, Sh.D., inzh., red.; KRASLAVSKIY, G.M., tekhn. red.

[Portable electric spark systems; work of the Research Branch of the State Planning Institute of the Ministry of Transportation Machinery Manufacture] Perenosnye elektroiskrovye ustanovki; opyt raboty NIF GPI MTrM. Leningrad, 1952, 11 p. (Informatsionno-tekhnicheskii listok, no.23(364)) (MIRA 14:7)

1. Leningradskiy dom nauchno-tekhnicheskoy propagandy. 2. Glavnyy inzhener Leningradskogo doma nauchno-tekhnicheskoy propagandy (for Shagurin)
(Metals--Hardening) (Electric apparatus and appliances)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

Lomachenkov S.Ye

GUTKIN, B.G., kand.tekhn.nauk; GUSEV, V.N., laureat Satlinskikh premiy inzh., retsenzent; LEVINSON, Ye.M., inzh., retsenzent; LOMACHENKOV, S.Ye., inzh., red.; POL'SKAYA, R.G., tekhn.red.

[Automatization of electric-spark and electrolytic-mechanical tools] Avtomatizatsiia elektroiskrovykh i anodno-mekhanicheskikh stankov. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1952. 226 p. (MIRA 11:2)
(Electric controllers)
(Electric cutting machinery)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

MALKIN, B.M.; KHARCHENKO, K.S., retsenzent; LOHACHENKOV, S.E., inzhener, redaktor; SOKOLOVA, L.V., tekhnicheskiy redaktor.

[Mechanization in connection with the grinding of shaped parts (on surface and tool grinding machines)] Mekhanizatsiia pri shlifovanii fasonnykh detalei (na ploskoshlifoval'nykh i zatochnykh stankakh). Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1954. 143 p. (MLRA 7:8)
(Grinding and polishing)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

FEDOROV, N.S.; LOMACHENKOV, S.Ye., inzhener, redaktor; SOKOLOVA, L.V., tekhnicheskiy redaktor

[Selection of semi-finished products for parts used in machine construction; work practice of the Kirov Factory in Leningrad] Vybor zagotovok dlia detalei v mashinostroenii; iz opyta raboty Leningradskogo Kirovskogo zavoda. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1955. 35 p. (MLRA 8:7)
(Leningrad--Machinery industry)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMACHENKOV, S.Ye.

DRUZHINSKIY, I.A., laureat Stalinskoy premii; CHERNYSHEV, P.S., inzhener, retsenzent; LOMACHENKOV, S.Ye., inzhener, redaktor; PETERSON, M.M., tekhnicheskiy redaktor.

[Methods of machining complex surfaces on machine tools] Metody obrabotki slozhnykh poverkhnostei na metallorezhushchikh stankakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1955. 315 p. (MLRA 8:5) [Microfilm]

(Metal cutting) (Surfaces (Technology))

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMACHENKOV, S.Ye., inzhener, redaktor; LEYKINA, T.L., redaktor izdatel'stva; SOKOLOVA, L.V., tekhnicheskiy redaktor

[The cutting of metals and the cutting tool; abstracts of articles from foreign journals] Rezanie metallov i rezhushchii instrument; referaty statei iz inostrannykh zhurnalov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 195 p. (MLRA 9:11)
(Metal cutting) (Cutting tools)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

Lomachenkov, S. Ye.

MALKIN, Boris Moiseyevich; VAKSER, D.B., dotsent, retsenzent; LOMACHENKOV, S.Ye., inzh., red.; LEYKINA, G.L., red.; SOKOLOVA, L.V., tekhn.red.

[Jig grinding machines and attachments] Stanki i prisposobleniia dlia koordinatnogo shlifovaniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1957. 241 p. (MIRA 11:1)
(Grinding machines)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

BLYUMBERG, Vitaliy Al'bertovich; SERGEYEV, Mikhail Afanas'yevich; ANSEROV, M.A., kand.tekhn.nauk dots., red.; LOMACHENKOV, S.Ye., inzh., red.; BORODULINA, I.A., red.izd-va; POL'SKAYA, R.G., tekhn.red.

[Machining parts on lathes] Obrabotka detalei na tokarnykh stankakh. Pod obshchei red. M.A.Anserova. Izd. 2-oe, perer. i dop. Moskva, Gos. nauchno-tekhnicheskoe izd-vo mashinostroit. lit-ry, 1958. 181 p. (MIRA 11:5)
(Bibliotechka tokaria-novatora, no.5)
(Turning)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

MALKIN, Boris Moiseyevich; SOBOLEV, N.P., prof., retsenzent; LOMACHENKOV, S.Ye., inzh., red.; LEYKINA, T.L., red. izd-va; SHCHETININA, L.V., tekhn. red.

[Attachments for grinding machines] Prisposobleniia k shlifoval'nym stankam. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 191 p. (MIRA 14:10)
(Grinding machines--Attachments)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMACHENKOV, V.S.

Origin of the Indigirka bar. Inform. biul. MIIGA no.17:27-30 '59. (MIRA 13:11)

(Indigirka Valley--Geology)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMACHENKOV, V.S.

Experience in compiling maps on the morphology and dynamics of banks of low river terraces in permafrost regions. Trudy NIIGA 65:155-158 '59. (MIRA 13:12)
(Indigirka Valley--Terraces (Geology)--Maps)
(Frozen ground)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, D.R.

Some problems of the strength of spongolite concrete [in Georgian with summary in Russian]. Trudy Inst. stroi. dela AN Gruz. SSR 4: 189-219 '53. (MLRA 9:10)

(Concrete--Testing)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, D. R.

"Problem of Industrial Use of Light Concretes from Certain Porous Fillers of Georgia." Main Administration of Educational Institutions, Min Higher Education; Tbilisi Inst of Engineers of Railroad Transportation imeni V. I. Lenin. Tbilisi, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: M-955, 16 Feb 56

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

CHURAYAN, A.L.; DZHABUA, Sh.A.; NAPETVARIDZE, Sh.G.; LOMADZE, D.R.

Basic principles of designing earthquade-resistant buildings of rigid type. Trudy Inst.stroi.dela AN Gruz.SSR 5:101-111 '55.
(MLRA 9:8)

(Earthquakes and building)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, D.R.

Some physicomechanical properties of Adzhami spongolite. Trudy Inst.stroi.dela AN Gruz.SSR 5:155-169 '55. (MLRA 9:8)
(Adzhami--Quartzite)

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LOMADZE, D.R.

Tedzam tufs concrete [In Georgian with summary in Russian] Trudy Inst. stroi. dela AN Gruz. SSR 6:140-141 '57. (MIRA 11:8)
(Concrete)

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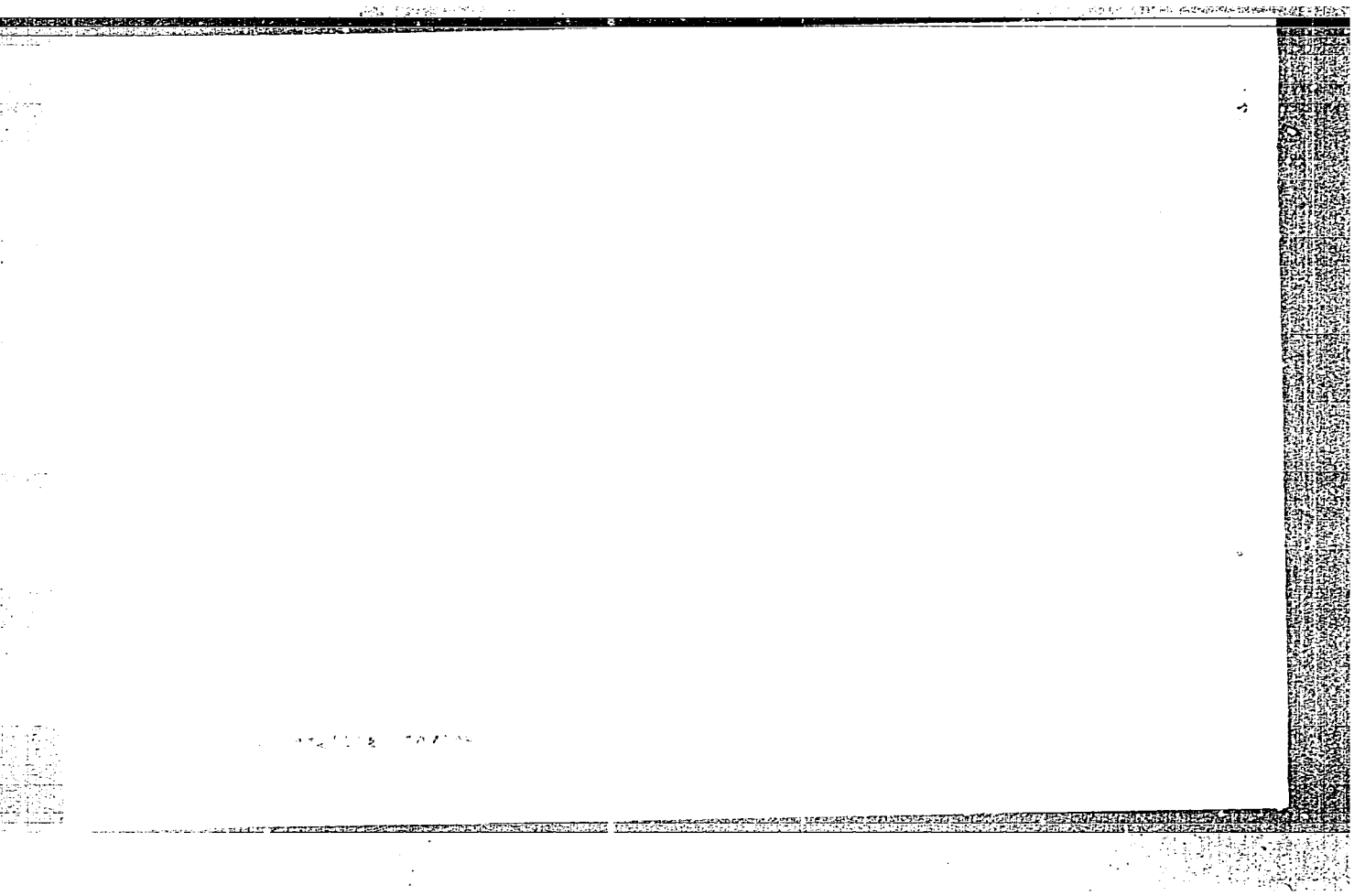

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Mathematical Reviews
Vol. 14 No. 7
July - August, 1953
Number Theory.

Lomadze, G. A. On the simultaneous representation of two whole numbers by sums of whole numbers and their squares. Akad. Nauk Gruzin. SSR. Trudy Mat. Inst. Razmadze 18, 153–181 (1951). (Russian. Georgian summary)

Let $r_s(n, m)$ denote the number of solutions of the simultaneous equations $x_1^2+\cdots+x_s^2=n$, $x_1+\cdots+x_s=m$ in integers $x_1, \cdots, x_s$. Precise formulae for $r_s(n, m)$ were obtained by H. D. Kloosterman for $s=5, 7$ [Math. Ann. 118, 319–364 (1942); these Rev. 5, 33; 9, 735] and by P. Bronkhorst for $s=6, 8$ [Thesis, Groningen, 1943]. Both these writers used the theory of modular functions to establish their results. In the paper under review the author obtains all these formulae for $r_s(n, m)$ by relying solely on elementary results in the theory of functions of a complex variable and generalizing a method due to T. Estermann which is contained in a book as yet unpublished. Moreover, all infinite series occurring in the formulae of Kloosterman and Bronkhorst are now replaced by finite expressions.

L. Mirsky (Sheffield).

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LOMADZE, G.A.

Summation of a singular series; part 1. Trudy Tbil.mat.inst. 19: 61-77 '53. (MLRA 7:8)
(Series)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, G.A.

Summation of a singular series. Part 2. Trudy Tbil.mat. inst. 20:21-45 '54. (MLRA 8:8)
(Series)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE,G.A.

Representation of numbers as a sum of squares. Trudy Tbil.mat.inst. 20:47-87 '54. (MLRA 8:8)

1. Tbilisskiy gosudarstvennyy universitet im. I.V.Stalina.
(Numbers, Theory of)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, G.A.

Representation of numbers by sums of generalized polygonal members.
Trudy Mat.inst. AN Gruz.SSR 22:77-102 '56. (MLRA 10:3)

1. Tbilisskiy gosudarstvennyy universitet im. I.V. Stalina.
(Numbers, Theory of)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

Call Nr: AF 1100825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow, Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.

Lomadze, G. A. (Tbilisi). On Representation of Numbers With the Sums of Generalized Polygonal Numbers. 7

Malyshev, A. V. (Leningrad). Asymptotic Distribution of Integral Points on Some Ellipsoids. 7-8

There are 3 references, all USSR.

Popov, A. I. (Leningrad). Regarding the Theory of Ultra-exponential Function of G. F. Voronoy. There is 1 USSR reference. 8

Postnikov, A. G. (Moscow). Additive Problems with Increasing Number of Summands. 8-9

Postnikov, A. G. (Moscow). Exponential Trigonometric Sum 9-10

Postnikov, A. G. (Moscow). Recurrent Relations Between Diophantine Inequalities in the Field of Power Series. 10-11

Card 4/80

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, G.A.

Representation of number by sums of generalized polygonal numbers. Part 2. Trudy Mat. inst. AN Gruz. SSR 24:3-33 '57. (MIRA 11:3)

1. Tbilisskiy gosudarstvennyy universitet im. I.V. Stalina.
(Numbers, Theory of)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADSE, G.

Representation of numbers through some quaternary quadratic forms.
p. 125

ACTA ARITHMETICA (Polska Akademia Nauk. Instytut Matematyczny) Warszawa.
Vol 5, no. 2, 1959

Monthly List of East European Accessions (EPAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, G.A.

Representation of numbers by certain ternary quadratic forms.
Trudy Mat. inst. AN Gruz. SSR 27:115-141 '60. (MIRA 15:3)
(Diophantine analysis)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, G.A.; CHOGOSHVILI, G.S.

Arnol'd Zel'manovich Val'fish; obituary. Usp. mat. nauk 18 no.4:119-128 Jl-Ag '63. (MIRA 16:9)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, G.A. (Tbilisi)

Representability of numbers by positive, binary diagonal quadratic forms. Mat. sbor. 68 no.2:282-311 O '65.

(MIRA 18:10)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, Yu.M.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1290
AUTHOR LOMADZE, JU.M.
TITLE On the Singularity of the Electromagnetic Potential in Higher Approximations of the Perturbation Theory.
PERIODICAL Žurn.eksp.i teor.fis, 30,fasc.4, 707-712 (1956)
Publ. 4 / 1956 reviewed 8 / 1956

Here it is shown that the interaction potential of two spinorial particles (here called electrons for reasons of concreteness), which is computed by means of the well-known methods of relativistic quantum electrodynamics for the purpose of removing divergencies has a singularity at zero that is not higher than $1/r^{1+\varepsilon}$. (ε - a positive number of any smallness). This is true for any but finite approximation of the perturbation theory. Here it is assumed that $\hbar = c = 1$. This singularity of the interaction potential of two particles can be determined by the asymptotic behavior of the S-matrix of the scattering of these particles in the case of high momenta. In this connection it is sufficient, when computing the S-matrix, to take into account only those elements which correspond to the FEYNMAN diagrams which (according to E.Salpeter and H.BETHE, Phys.Rev.84, 1232 (1951)) form an irreducible representation. Besides, the S-matrix must be computed without using the conservation of the energy of the initial- and final state. The basic features of the proof are mentioned. Transition from a certain approximation of any value to the following one can be realized either by "uniting" any two electron lines (particularly if they cover each other) with a photon line, or by "adding" a closed

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Žurn.eksp.i teor.fis,30,fasc.4, 707-712 (1956) CARD 2 / 2 PA - 1290

electron loop to any photon line. The divergence at zero of the integrals occurring in the S-matrix and extending over the momenta of virtual photons (infrared catastrophe) may be removed as follows: by cutting off the integral over the momentum space near zero, or by assuming photons with a finite rest mass. Henceforth, all such divergences will be assumed as having been removed. The diagrams of the investigated types of transitions from the n-th to the (n+2)-th approximation are shown and discussed in detail. On the occasion of transition from the n-th to the (n+2)-th approximation the asymptotic trend of the S-matrix of scattering towards zero at $p_{\mu\nu} \rightarrow 0$ is not reduced by more than by one logarithmic factor. Therefore the singularity of the potential of the electromagnetic interaction of two electrons, which exist at zero, and therefore also that of an electron-positron system in any perturbational approximation, even if ever so high, can not be higher than $(1/r)\ \ln^{(n-2)/2} r$. Furthermore, the main term of the S-matrix in any approximation is, on the whole, constant, which corresponds to a potential with a singularity of the kind r^{-3}. However, this is by no means peculiar, for studying the interaction potential existing at zero in nonrelativistic approximation is, in itself, a contradiction.

INSTITUTION: Physical Institute "P.N.LEBEDEV" of the Academy of Science in the USSR

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMADZE, YU.M.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1787
AUTHOR LOMADZE, YU.M.
TITLE On a Possibility in the Quantum Theory of Fields.
PERIODICAL Žurn.eksp.i teor.fis, 31, fasc.5, 887-889 (1956)
Issued: 1 / 1957

The author endeavores to overcome the well-known difficulties of the present relativistic quantum theory of fields by proceeding from the following idea: These difficulties (infinities which cannot be eliminated in many "nonrenormalizable" varieties of the theory and divergence of the series obtained in "renormalizable" theories after the removal of all infinities) can be explained by faults of the method of solving the equations of this theory (equation by TOMONAGA-SCHWINGER) and not by any fault of the theory itself. The perturbational method is concerned here.
But is it not possible, nevertheless, from the formally obtained series, in some way to obtain the solution which illicitely was developed in that series ? With other words: The result of what mathematical operation must be understood by the "sum" of the series in order that this sum (also if the usual notion of a sum leads to a result that is obviously incorrect, i.e. to an essentially infinite result) is identical with the result which was formally developed in this series? If, as a solution of the quantum equations, the S-matrix $S(g,p)$ of any process is chosen (p denotes the totality of the momenta of "real" particles), the problem (if this S-matrix is an analytical function of p), can be solved by the following generalizations of the usual notions of the sum of an infinite series.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

Zurn.eksp.i teor.fis,31,fasc.5,887-889 (1956) CARD 2 / 2 PA - 1787

(These generalizations are supposed to satisfy the general axiomatic demands). If the series $\sum_i U_i(\xi)$ converges within a certain interval ξ towards the analytical function $S(\xi)$, the generalized sum $\sum_{i\xi}$ (with respect to ξ) of this series must, in the intervals in which it diverges, be understood to be the analytical continuation of $S(\xi)$ into these intervals. If a series of the shape $\sum_i \int_{(l)} U_i(l,\xi)$ (where each of the l-integrals can diverge) is assumed, the l - sum $\sum^l_\xi$ (in the case of ξ) of this series (if it exists) is understood to mean the l-integral with respect to l and ξ: $\sum^l_{i\xi} \int_{(l)} U_i(l,\xi) = \int_{(l)} \sum_{i\,l\xi} U_i(l,\xi)$.

The method suggested is suited for the pair theory of the interaction among spinor fields and between a spinor field and a pseudoscalar field. The series obtained on this occasion is not only renormalizable, but it converges in the ordinary sense and absolutely at that. Next, another "equivalence" of this modified series with the original series is pointed out. One of the strangest conclusions drawn from this modification is the following: The potential of the interaction of two spinorial particles in any approximation of the pair theory has at zero no greater singularity than 1/rlnr.

INSTITUTION: Moscow State University.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

SHISHKIN,B.K., professor; ROMANKOVA,A.G., kandidat biologicheskikh nauk, starshiy nauchnyysotrudnik; MARKOV,G.S., doktor biologicheskikh nauk, dotsent; DANILEVSKIY,A.S., kandidat biologicheskikh nauk, dotsent; SHTEYNBERG,D.M., doktor biologicheskikh nauk; LOMAGIN,A.G aspirant; SELL'-HEKMAN,I.Y., mladshiy nauchnyy sotrudnik; ZHIMAIN, L.N., doktor biologicheskikh nauk, professor; IPATOV,V.S., student V kursa; KOZLOV,V.Ye., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik; KARTASHEV,A.I., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik; NITSENKO,A.A., starshiy nauchnyy sotrudnik; VASILEVSKAYA,V.K., doktor biologicheskikh nauk, dotsent; RYUMIN,A.V., kandidat biologicheskikh nauk; NAUMOV.D.V., kandidat biologicheskikh nauk, mladshiy nauchnyy sotrudnik; KHOZATSKIY,L.I. kandidat biologicheskikh nauk, dotsent; GOROHETS,A.M., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik; GODLEVSKIY,V.S. assistent; GERBIL'SKIY,N.L., doktor biologicheskikh nauk, professor; ALEKSANDROV,A.D., professor; KOLODYAZHNYY,V.I.; TURBIN,N.V.; ZAVADSKIY,K.M.

[Theory of species and the formation of species]. Vest.Len.un. 9 no.10:43-92 O '54. (MLRA 8:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Shishkin, Aleksandrov)

(Condtinued on next card)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

SHISHKIN.B.K., professor; ROMANKOVA,A.G., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik, and others.

[Theory of species and the formation of species]. Vest.Len.un. 9 no.10:43-92 O '54. (MLRA 8:7)

2. Leningradskiy gosudarstvennyy universitet (for Shishkin, Romankova, Markov, Ipatov, Kozlov, Kartashev, Godlevskiy, Gerbil'skiy, Aleksandrov) 3. Zoologicheskiy institut Akademii nauk SSSR (for Shteynberg, Naumov) 4. Kafedra entomologii Leningradskogo gosudarstvennogo universiteta (for Danilevskiy). 5. Kafedra darvinizma Leningradskogo gosudarstvennogo universitete (for Lomagin, Gorobets). 6. Kafedra geobotaniki Leningradskogo gosudarstvennogo universiteta (for Nitsenko). 7. Kafedra botaniki Leningradskogo gosudarstvennogo universiteta (for Vasilevskaya). 8. Kafedra zoologii pozvonochnykh Leningradskogo gosudarstbennogo universiteta (for Khozatskiy). 9. Leningradskoye otdeleniye Vsesoyuznogo instituta udobreniy, agropochvovedeniya i agrotekhniki (for Sell'-Bekman) 10. Institut eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (for Zhinkin)

(Origin of species)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.

Effect of various factors on the phasis characteristics of winter grain. Dokl.AN SSSR 104 no.1:147-149 S '55. (MLRA 9:2)

1.Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova. Predstavlene akademikom A.L.Kursanovym.
(Vernalization) (Grain)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A. G. Cand Biol Sci -- (diss) "Effect of temperature and ~~the special properties~~ peculiarities of seed grain upon the rapidity of vernalization." Len, 1957. 14 pp 20 cm (Len Order of Lenin State Univ Im A. A. Zhdanov), 100 copies (KL, 24-57, 117)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

-LOMAGIN, A. G.

USSR / Cultivated Plants. Cereals. M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34612

Author : Lomagin, A. G.
Inst : None
Title : Effect of Characteristics of Seed Material on the Speed of Vernalization.

Orig Pub : Vestn. Leningr. un-ta, 1957, No 3, 38-43.

Abstract : Experiments were conducted during 1954-1955 in the city of Pushkin in the Leningradskaya Oblast regarding the speed of vernalization of seeds of winter wheat "Kolkhoznitsa" of different sizes, under varying climatic conditions during the harvest period, which experiments were then reproduced in the Trans-Volga region as well as in the Leningradskaya Oblast. Seeds were vernalized at temperatures of 0 to 2°C. for 35, 45,

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

USSR / Cultivated Plants. Cereals. M

Abs Jour : Ref Zhur - Biol., No 8, 1953, No 34612

55 and 65 days respectively. Trans-Volga seeds required a longer vernalization and spiking of plants was late (by 10 to 15 days). By raising the plants in a hothouse (average temperature 15.7°C.), a simultaneous spiking of plants from seeds of different reproduction cycles was observed; an important delay of spiking was observed by shortening the period of vernalization from 70 to 60 days. Plants from seeds of the Trans-Volga region reached the tillering stage 3 to 5 days earlier and seeds contained twice as much protein and saccharose. The retardation of development of plants from seeds of the Trans-Volga region was increased when exposed to uninterrupted light during the intensive growth period. This retardation

Card 2/3

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disappeared after a single transplantation in the Leningradskaya Oblast. In larger seeds, the stage of vernalization was shorter. In humid weather, the stage of vernalization extended partly through the harvesting period. -- I. N. Zaikin.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

USSR / General Biology. Evolution. B-6

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81108.

Author : Lomagin, A. G.
Inst : Not given.
Title : The Intra genus Variability of Winter Cereals.

Orig Pub: Vestn. Leningr. un-ta, 1957, No 21, 141-143.

Abstract: A significant intra-genus variability in winter cereals of the brands Kolcholznitsa, Lyutestsens 329 and others, was demonstrated. The sowing of subvernalized seeds, in different degrees, provided the entire gamut of transition from the plants, that yielded completely mature seeds, to the plants, that did not even emerge from its tubular stage. It was substantiated that such intra-genus variability, manifested

Card 1/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

USSR / General Biology. Evolution. B-6

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81108.

Abstract: in the differences of speed development at definite critical conditions (short days, subvernalization, etc.). may have a non-hereditary, as well as a clearly defined hereditary character.

Card 2/2

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.

Changes in the resistance of plant cells after a brief exposure to high tmeperature. TSitologiia 3 no.4:426-436 Jl-Ag '61. (MIRA 14:8)

1. Laboratoriya tsitoekologii i tsitofiziologii Botanicheskogo instituta AN SSSR, Leningrad.
(PLANTS, EFFECT OF HEAT ON)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.

Effect of light on the steadiness of protoplasmic motion during the action of 2,4-dinitrophenol in plant cells. Dokl. AN SSSR 142 no.4:957-960 F '62. (MIRA 15:2)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR. Predstavleno akademikom A.L.Kursanovym.
(Plants, Effect of light on)
(Plants, Motion of fluids in)
(Plants, Effect of phenol on)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.

Effect of thermal hardening on the resistance of vegetable cells to sodium azide. Dokl. AN SSSR 147 no.3:717-720 N '62.
(MIRA 15:12)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno akademikom N.M. Sisakyanom.
(Plants, Effect of sodium azide on)
(Plants, Effect of temperature on)

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.

Effect of thermal hardening on the resistance of plant cells to sodium azide. Dokl. AN SSSR 148 no.3:735 Ja '63. (MIRA 16:2)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno akademikom N.M. Sisakyanom.
(Plants, Effect of temperature on)
(Plants, Effect of sodium azide on)

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

KOMARIN, V.G.

International symposium on cytoecology held in Leningrad, May 31-June 1963. Bot. zhur. 49 no.2:301-303 F '64.
(MIRA 17:4)

1. Botanicheskiy institut imeni V.L. Komarova Akademii nauk SSSR, Leningrad.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

ANTROPOVA, T.A.; LOMAGIN, A.G.; MOKHNACH, V.O.; SHUKHTINA, G.G.

Effect of different forms of iodine on plant cells. Dokl. AN SSSR 155 no.1:224-226 Mr '64. (MIRA 17:4)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR. Predstavleno akademikom N.M.Sisykanom.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.

Effect of thermal hardening on the development of injury caused by ultraviolet rays in plant cells. Dokl. AN SSSR 157 no.6:1477-1479 Ag '64. (MIRA 17:9)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno akademikom N.M. Sisakyanom.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, A.G.; ANTROPOVA, T.A.

Injuring effect of visible light on leaves following overheating. Dokl. AN SSSR 165 no.2:443-446 N '65. (MIRA 18:11)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Submitted February 8, 1965.

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1"

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

AP5013[illegible]

AUTHOR: Lomagin, A. (Candidate of [illegible])

TITLE: Protection and treatment of plants

SOURCE: Nauka i zhizn', no. 6, 1965, 29-32, and top half of insert facing, p. 32

TOPIC TAGS: plant chemistry, plant development, plant disease, plant physiology, photosynthesis, agriculture, kinetin

ABSTRACT: The resistance of plants to damage by frost, heat and light, and also the means for protection and treatment of these plants were investigated. The best protection is the plants' own adaptation to the surrounding conditions. The important role of plant cells in plant [illegible] was special regard [illegible] ysis. The behavior of [illegible] chloroplasts, i. e. [illegible] ...ong of the cells slowed down or stopped under the effect of heat, but were ... after removal from the heat. ... by the change in the ... treatment. It was ... perished if exposed to light, but those ... remained alive.

Card 1/2

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ACCESSION NR: AP5018421

Cucumbers and corn resisted frost to a greater extent in the dark. At +2C in the dark they remained healthy. The main reason for this is that the low temperature halts photosynthesis and the light, instead of being used for photosynthesis, becomes a harmful factor. In all experiments, good results were obtained by keeping the plants in the dark. The rejuvenating effect of kinetin and other substances, such as saccharose, fructose, and [illegible] prevents the [illegible]

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PIOTROVSKIY, V.K.; LOMAGIN, F.Ye.

Ways of improving the pyrometallurgical recovery of cobalt from copper-nickel sulfide concentrates. TSvet. met. 34 no.1:39-43 Ja '61. (MIRA 17:3)

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LOMAGIN, F.Ye.; PIOTROVSKIY, V.K.; LYSTSOV, A.I.

Ways to increase the recovery of metals from copper-nickel sulfide ores. TSvet. met. 35 no.7:21-28 Jl '62. (MIRA 15:11)

(Copper--Metallurgy) (Nickel--Metallurgy)

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LOMAGIN, N. A. and IVANOV, I.

Energetika transporta v novol stalinskoi piatiletke. [Transportation power in the new Stalin five-year plan]. (Zhel-dor, transport, 1946, no. 10, p. 19-27).

DLC: HE7.Z5

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

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LOMAGIN, N. A.

Energetika zheleznodorozhnogo transporta. [Power in railroad transportation]. (In Levin, B. I. Osnovnye voprosy piatiletnego plana vosstanovleniia i razvitiia zhel-dor. transporta. Moskva, 1947, p. 236-246).

DLC: HE3137.L4

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

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USSR/Engineering
Gas, Natural
Railroads

Sep 48

"More Extensive Use of Natural Gas in Railroad Transportation," N. A. Lomagin, Cand Tech Sci, 1 p

"Za Ekonomiyu Topliva" No 9

PA 35/49T39

States that since the USSR is among world's leading nations in natural gas resources (more than 200 deposits with stores of 700 billion cubic meters), factories manufacturing railroad equipment should be quickly converted to gas. This is especially true for factories located close to deposits, such as the Ordzhonikidze, Darnitskiy, Armavir, Zaporog, Tambov and Tula railroad factories, and also for the Moscow and Leningrad plants.

35/49T39

LOMAGIN, N. A.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, N.A.

"Electrification as a decisive element in modernizing transportation." p.393.
(PRZEGLAD KOLEJOWY. Vol. 6, No. 10, Oct. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

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"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930430001-1

LOMAGIN, N.A.; IWANOW, J.

Electrification of railroad lines in 1955. p. 236.

Vol. 7, no. 6, June 1955

PRZEGLAD KOLEJOWY, Warszawa

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

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ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYUKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V, retsenzent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MORDVINKIN, M.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, M.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

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ALFEROV, A.A. ---- (continued) Card 2.
MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S., redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A., redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika, Izd. 3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta. (Railroads)

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LOMAGIN, N.A., kandidat tekhnicheskikh nauk.

Unification of the electric power systems of the U.S.S.R. and the electrification of the railroads. Zhel.dor.transp. 37 no.7: 16-22 Jl '56. (MLRA 9:8)
(Railroads--Electrification)(Electric power)

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LOMAGIN, M.A., kand.tekhn.nauk

Development of the gas industry in the U.S.S.R. and prospects for the use of natural gas in railroad transportation. Zhel. dor.transp. 40 no.11:8-14 N '58. (MIRA 11:12)
(Gas industry) (Railroads--Fuel)

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BYKOV, Aleksandr Petrovich, dotsent, kand.tekhn.nauk; LOMAGIN, N.A., red.; KLEYMAN, L.G., tekhn.red.

[Development of the science pertaining to electricity and electrification in the U.S.S.R.] Razvitie nauki ob elektrichestve i elektrifikatsiia SSSR. Moskva, M-vo putei soobshcheniia. Vses.zaochnyi in-t inzhenerov zhel-dor.transporta, 1959. 57 p. (MIRA 13:6)
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(Railroads--Electrification)

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(Lenin, Vladimir Il'ich, 1870-1924)
(Railroads--Electrification)

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VISLOUKH, L.A., inzh., LOMAGIN, N.A., kand.tekhn.nauk

Electrification of railroads in countries on five continents.
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The Moscow-Baikal line is the largest electrified railroad in the world. Elektrichestvo no.1:7-9 Ja '62. (MIRA 14:12)
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LOSEV, B.I., prof., doktor tekhn.nauk; LOMAGIN, N.A., kand.tekhn.nauk

Use of briquets made from liquid fuel and gas for the needs of the national economy and of transportation. Zhel.dor.transp. 44 no.5:54-59 My '62. (MIRA 15:5)
(Briquets (Fuel))

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Electrification of railroads in socialists countries. Zhel.dor. transp. 44 no.7:81-86 Jl '62. (MIRA 15:8)
(Communist countries--Railroads--Electrification)

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BYKOV, A.P., kand. tekhn. nauk, dots.; LOMAGIN, N.A., red.;
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[Development of electric power engineering and railroad electrification in the U.S.S.R.] Razvitie elektroenergetiki i elektrifikatsiia zheleznykh dorog SSSR. Izd.2., perer. i dop. Moskva, 1963. 63 p. (MIRA 17:3)

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Railroad electrification in socialist countries. Kozl tud sz 13 no.7:285-291 Jl '63.

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ICHAKA, M.D.

Soil Binding

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9. Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

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1. Alapayevskiy metallurgicheskiy kombinat.

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NIKITENKO, M.D., inzh.; PLYUSHIN, N.A., inzh.; LOMAKA, N.F., inzh.; LEVIN, L.I., inzh.; FEDOROV, Z.G., inzh.

Amount of manganese used in the making of E21 dynamo steel. Stal' 25 no.8:809 S '65. (MIRA 18:9)

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Experimental investigation of the effect of antiblocking devices on the braking of a motor vehicle. Avt.prom. 29 no.12:12-15 D '63. (MIRA 17:4)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut.

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